



Sheet 1 of 6

U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	2488-1-011
	SERIAL NO.	10/551,482
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT  (Use several sheets if necessary)	APPLICANT	Wynne Weston-Davies
	FILING DATE	September 29, 2005
	GROUP	Not yet assigned

#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	6,617,312	9/09/03	Paesen et al.			
	AB	USSN 09/555,296	9/13/00	Nuttall et al.			

#### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	BA	WO 01/15719	3/08/01	PCT			
	BA	WO 01/40469	6/7/01	PCT			
	BC	WO 99/27104	6/3/99	PCT			
	BD	WO 97/44451	11/27/97	PCT			
	BE	GB 2283239	5/3/95	UK			
	BF	WO 96/11271	4/18/96	PCT			

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Andersen et al., The crystal structure of nitrophorin 4 at 1.5Å resolution: transport of nitric oxide by a lipocalin-based heme protein, <i>Structure</i> , 6:1315-1327 (1998)
CB	Andersen et al., Nitric Oxide Binding and Crystallization of Recombinant Nitrophorin I, a Nitric Oxide Transport Protein from the Blood-Sucking Bug <i>Rhodnius prolixus</i> , <i>Biochem.</i> , 36:4423-4428 (1997)
CC	Bernard et al., The American-European Consensus Conference on ARDS, <i>Am. J. of Respir. &amp; Crit. Care Med.</i> , 149:818-824 (1994)
CC	Byrne et al., Increased survival time after delayed histamine and prostaglandin blockade in a porcine model of severe sepsis-induced lung injury, <i>Crit. Care Med.</i> , 18:303-308 (1990)
CC	Byrne et al., Ranitidine Compared to Cimetidine in Multiagent Pharmacological Treatment of Porcine <i>Pseudomonas</i> ARDS, <i>Circulatory Shock</i> , 30:117-127 (1990)
CC	Burde et al., Histamine inhibits activation of human neutrophils and HL-60 leukemic cells via H <sub>2</sub> -receptors, <i>Archives of Pharmacology</i> , 340:671-678 (1989)
CC	Chinery et al., Histamine blocking agent in the salivary gland homogenate of the tick <i>Rhipicephalus sanguineus sanguineus</i> , <i>Nature</i> , 265:366-367 (1977)
CH	Chinery et al., Observation on the Saliva and Salvary Gland Extract of <i>Haemaphysalis Spinigera</i> and <i>Rhipicephalis Sanguineus Sanguineus</i> , <i>J. Parasitology</i> , 67:15-19 (1981)
CI	Couillin et al., Arthropod-derived histamine binding protein prevents allergic asthma, Annual meeting Inter. Cytokine Society, 14, 48 (2003) (Database Biosis Online Biosciences Information Service, Database accession no. PREV200300585945)

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CJ	Dahlgren et al., Respiratory burst in human neutrophils, J. of Immunol. Methods, 232:3-14 (1999)
CK	Falus, Contents of "Histamine and Inflammation", Landes Company, Austin, pp 139 (1994)
CL	Ferreira et al., The continuous bioassay of the release and disappearance of histamine in the circulation, Br. J. Pharmacol., 49:543-553 (1973)
CM	Gantner et al., Histamine H <sub>4</sub> and H <sub>2</sub> Receptors Control Histamine-Induced Interleukin-16 Release from Human CD8 <sup>+</sup> T Cells, J. of Pharmacology, & Exp. Therapeutics, 303:300-307 (2002)
CN	Harris et al., Relative Contribution of the Selectins in the Neutrophil Recruitment Caused by the Chemokine Cytokine-Induced Neutrophil Chemoattractant (CINC), Biochemical & Biophysical Res. Commun., 221:692-696 (1996)
CO	Hoy et al., Growing Significance of Myeloperoxidase in Non-infectious Diseases, Clin. Chem. Lab. Med., 40:2-8 (2002)
CP	Janknecht et al., Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus, Proc. Natl. Acad. Sci, 88:8972-8976. (1991)
CQ	Jones et al., P-Selectin Mediates Neutrophil Rolling on Histamine-Stimulated Endothelial Cells, Biophysical Journal, 65:1560-1569 (1993)
CR	Jones et al., The rearing and maintenance of ixodid and argasid ticks in the laboratory, Animal Technology, 39:99-106 (1988)
CS	Keller et al., Cloning of the cDNA and Expression of Moubatin, an Inhibitor of Platelet Aggregation, J. Biological Chem., 268:5450-5456 (1993)
CT	Lefort et al., Airway Administration of <i>Escherichia coli</i> Endotoxin to Mice Induces Glucocorticosteroid-Resistant Bronchoconstriction and Vasopermeation, Am J. Respir. Cell Mol. Biol., 24:345-351 (2001)
CU	Limo et al., <i>Rhipicephalus Appendiculatus</i> Salivary Glands Identification of Bioactive Molecules and Antigens, Insect Sci. Applic. 14:235-245 (1993)

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	CV	Paesen et al., THE EXPRESSION AND CHARACTERISATION OF 3 RELATED TICK SALIVARY GLAND PROTEINS, Proceedings and Abstracts - The Second International Conference on Tick-Borne Pathogens at the Host-Vector Interface: A Global Perspective, pp. 317 (1995)
	CW	Paesen et al., Tick Histamine-Binding Proteins: Isolation, Cloning, and Three Dimensional Structure, Molecular Cell, 3:661-671 (1999)
	CX	Paesen et al., Tick histamine-binding proteins: lipocalins with a second binding cavity, Biochimica et Biophysica Acta, 1482:92-101 (2000)
	CY	Ribeiro et al., High Affinity Histamine-binding and Antihistaminic Activity of the Salivary Nitric Oxide-carrying Heme Protein (Nitrophorin) of <i>Rhodnius prolixus</i> , J. Exp. Med. 180:2251-57 (1994)
	CZ	Ribeiro, Salivary Thiol Oxidase Activity of <i>Rhodnius prolixus</i> , Insect Biochem. Molec. Biol., 26:899-905 (1996)
	DA	Sielaff et al., Treatment of Porcine <i>Pseudomonas</i> ARDS with Combination Drug Therapy, The Journal of Trauma, 27:1313-1322 (1987)
	DB	Sielaff et al., Successful treatment of adult respiratory distress syndrome by histamine and prostaglandin blockade in a porcine <i>Pseudomonas</i> model, Surgery, 102:350-357 (1987)
	DC	Sun et al., Characterization and cDNA cloning of a hemoprotein in the salivary glands of the blood-sucking insect, <i>Rhodnius prolixus</i> , Insect Biochem. and Molec. Biol., 28:191-200 (1998)
	DD	Sun et al., Purification, Characterization and cDNA cloning of a Novel Anticoagulant of the Intrinsic Pathway, (Prolixin-S), from Salivary Glands of the Blood Sucking Bug, <i>Rhodnius prolixus</i> , Thrombosis and Haemostasis, 75:573-577 (1996)
	DE	Takeshita et al., Critical Role of L-Selectin and Histamine H4 Receptor in Zymosan-Induced Neutrophil Recruitment from the Bone Marrow: Comparison with Carrageenan, J. of Pharmacology & Exp. Therapeutics, 310:272-280 (2004)

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	DF	Takeshita et al., Critical Role of Histamine H <sub>4</sub> Receptor in Leukotriene B <sub>4</sub> Production and Mast Cell-Dependent Neutrophil Recruitment Induced by Zymosan in Vivo, The Journal of Pharmacology & Exp. Therapeutics, 307:1072-1078 (2003)
	DG	Valenzuela et al., Purification And Cloning Of The Salivary Nitrophorin From the Hemipteran <i>Cimex Lectularius</i> , J. Exp. Bio. 201:2659-2664 (1998)
	DH	Wang et al., Immunoglobulin G binding proteins In male <i>Rhipicephalus appendiculatus</i> ticks, Parasite Immunology, 17:517-24 (1995)
	DI	Warlow et al., Solubilization And Characterization Of Moderate And High Affinity Histamine Binding Sites On Human Blood Mononuclear Cells, Molec. Immun., 24:27-37 (1987)
	DJ	Weichsel et al., Crystal structures of a nitric oxide transport protein from a blood-sucking insect, Nature Structural Biol. 5:304-309 (1998)
	DK	Wescott et al., Histamine H-1 Binding Site On Human Polymorphonuclear Leukocytes, Inflammation, 7:291-300 (1983)
	DK	Yuda et al., Expression, reconstitution and characterization of prolixin-S as a vasodilator A salivary gland nitric-oxide-binding hemoprotein of <i>Rhodnius prolixus</i> , Euro. J. of Biochem. 249:337-342 (1997)
	DM	Zhang et al., Nitrophorin-2: A Novel Mixed-Type Reversible Specific Inhibitor of the Intrinsic Factor-X Activating Complex *, Biochem. 37:10681-10690 (1998)
	DN	Couillin et al., Arthropod-Derived Histamine-Binding Protein Prevents Murine Allergic Asthma, J. of Immunology, 173:3281-3286 (2004)
	DO	Mans, Tick histamine-binding proteins and related lipocalins: Potential as therapeutic agents, Current Opinion in Investigational Drugs, 6:1131-1135 (2005)
	DP	Sangamnatej et al., A high affinity serotonin- and histamine-binding lipocalin from tick saliva, Inset Molecular Biology 11:79-86 (2002)

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